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Attorney Docket Number 32307-167197

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Examiner Initials *	ĺ	U.S. Pa	tent Document	Name of P	atentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup> (if known)		ited Document	Cited Document MM-DD-YYYY		
				FOREIG	N PATENT DOCL	JMENTS		
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HP	Al	EP	0 657 754	Al		6-14-1995		
Hr	A2	EP	0 884 867	A2		12-16-1998		
Hľ	A3	WO	99/45420	A1		9-10-1999		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
M	A4	KOICHI, TAKIGUCHI et al., "Dispersion Compensation Using a Planar Lightwave Circuit Optical Equalizer", IEEE Photonics Technology Letters, vol. 6, no. 4, April 1994, pgs. 561-564.	
HI	A5	KOICHI, TAKIGUCHI et al., "Planar Lightwave Circuit Optical Dispersion Equalizer", Proceedings of the European Conference on Optical Communication (ECOC) Montreux, vol. 3, September 12, 1993, pgs. 33-36.	
HP	A6	KOICHI, TAKIGUCHI et al., "Variable group-delay dispersion equaliser based on a lattice-form programmable optical filter", Electronics Letters, vol. 31, no. 15, July 20, 1995, pgs. 1240-1241.	
HP	<b>A</b> 7	KOICHI, TAKIGUCHI et al., "Dispersion Slope Equalizer for Dispersion Shifted Fiber Using a Lattice-Form Programmable Optical Filter on a Planar Lightwave Circuit", Journal of Lightwave Technology, vol. 16, no. 9, September 1998, pgs. 1647-1656.	
M	A8	MACDONALD, R. I., "Optoelectronic Equalisation", IEEE Photonics Technology Letters, vol. 6, no. 4, April 1994, pgs. 565-567.	

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Substitute for form 1449A/PTO Complete if Known Application Number 09/688,933 INFORMATION DISCLOSURE Filing Date October 17, 2000 STATEMENT BY APPLICANT Koichi TAKIGUCHI First Named Inventor 2633 Group Art Unit (use as many sheets as necessary) Phan Hanh Examiner Name 32307-167197 of Sheet Attorney Docket Number

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		U.S. Patent Document			Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant		
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Hľ	Al	JP	09-133825			05-20-1997		Abstract
HP	A2	JP	10-093506			04-10-1998		Abstract
HP	A3	JP	09-133609			05-20-1997		Abstract
HP	A4	JP	07-098424			04-11-1995		Abstract
HP	A5	JP	05-346515			12-27-1993		Abstract
HP	A6	JP	05-011226			01-19-1993		Abstract
HP	A7	JP	05-303019			11-16-1993		Abstract
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